OIPE JC11
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PATENT & TRADEMARK OFFICE

1711

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant (s): Katherine S. Clement et al.

Serial No.: 10/060,791 Group Art Unit: 1711

Filed: January 29, 2002 Examiner: Unknown

For: POLYMERIZATION OF ALKYLENE OXIDES ONTO FUNCTIONALIZED INITIATORS

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April 18, 2002
DATE OF SIGNATURE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO 1449.

A copy of all cited patents and printed publications is enclosed. The Examiner is requested to review each reference and formulate his own understanding thereof.

Respectfully submitted,

Paula Sanders Ruhr
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PSR/arr

FORM 1449

SHEET 1 OF 3

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INFORMATION DISCLOSURE STATEMENT

(Use Several Sheets if necessary)

ATTY DOCKET NO.	SERIAL NO.
60072A	10/060791
APPLICANT	
Katherine S. Clement et al.	
FILING DATE	GROUP
January 29, 2002	1711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE *IF APPROPRIATE*
		3,021,341	Feb. 13, 1962	Croxall et al.	260	340	
		3,278,457	Oct. 11, 1966	Milgrom	260	2	
		3,278,458	Oct. 11, 1966	Belner	260	2	
		3,278,459	Oct. 11, 1966	Herold	260	2	
		3,278,847	Oct. 11, 1966	Widenor	324	83	
		3,404,109	Oct. 1, 1968	Milgrom	260	611	
		3,427,256	Feb. 11, 1969	Milgrom	252	431	
		3,427,334	Feb. 11, 1969	Belner	260	429	
		3,427,335	Feb 11, 1969	Herold	260	429	
		3,528,043	Sep. 8, 1970	Richter et al.	334	14	
		3,660,502	May 2, 1972	Case	260	615	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
		0 046 947	Mar. 10, 1982	Europe				
		0 485 637	May 20, 1992	Europe				
		0 781 791	Jul. 2, 1997	Europe				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

		Bottini et al., "Based Induced Cyclization Reactions of Propargyloxyethanol and the 2-Haloallyloxyethanols," Journal Org Chem., Vol. 30, 1965 (2988)
		Hernandez et al., "Synthesis of a Series of Symmetrically Distributed Diacetylenes With Polychlorophenyl Rings as Side Groups and Linear Polyether Chains as Spacers," Institut de Ciencia, 1992 (1164)
		JP 8208426 Derwent Abstract
		Pettrov et al. "The Reactions of Dimethylacetenylcarbinol With Ethylene Oxide," Zh Obshch. Khim. Vol. 51, 1951(1361)
		U.S. Patent Application Entitled: "POLYMERIZATION OF ETHYLENE OXIDE USING METAL CYANIDE CATALYSTS," U.S. Serial No. 60/205,771, Filing Date May 19, 2000.
		U.S. Patent Application Entitled: "POLYMERIZATION OF ALKYLENE OXIDES USING METAL CYANIDE VATALYSTS AND UNSATURATED INITIATOR COMPOUNDS," U.S. Serial No. 60/205,722, Filing Date May 19, 2000.
		Pola et al., "Polariability of Some Groups Attached to Oxygen in Ethers," Coll. Chem. Comm, Vol. 43, 1978(760)

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

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January 29, 2002	1711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE *IF APPROPRIATE*
		3,829,505	Aug. 13, 1974	Herold	260	611	
		4,537,693	Aug. 27, 1985	Campbell	252	51.5R	
		4,843,054	Jun. 27, 1989	Harper	502	175	
		5,145,883	Sep. 8, 1992	Saito et al.	521	172	
		5,347,051	Sep. 13, 1994	Sheehan et al.	564	389	
		5,451,631	Sep. 19, 1995	Guo	524	529	
		5,470,813	Nov. 28, 1995	Le-Khac	502	175	
		5,482,908	Jan. 9, 1996	Le-Khac	502	156	
		5,525,702	Jun. 11, 1996	Nace	528	354	
		5,536,883	Jul. 16, 1996	Le-Khac	568	620	
		5,552,486	Sep. 3, 1996	Guo et al.	525	118	
		5,589,431	Dec. 31, 1996	Le-Khac	502	175	
		5,627,120	May 6, 1997	Le-Khac	502	156	
		5,627,122	May 6, 1997	Le-Khac et al.	502	175	
		5,639,705	Jun. 17, 1997	Bowman et al.	502	175	
		5,714,428	Feb. 3, 1998	Le-Khac	502	159	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
		WO 98/27044	Jun. 25, 1998	PCT				
		WO 99/10407	Mar. 4, 1999	PCT				
		WO 99/44379	Sep. 2, 1999	PCT				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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SHEET 3 OF 3

INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.	SERIAL NO.
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	January 29, 2002	1711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE *IF APPROPRIATE*
		5,731,407	Mar. 24, 1998	Le-Khac	528	409	
		5,780,584	Jul. 14, 1998	Le-Khac et al.	528	410	
		5,783,513	Jul. 21, 1998	Combs et al.	502	175	
		5,786,514	Jul. 28, 1998	Shen et al.	568	315	
		5,811,566	Sep. 22, 1998	Watabe et al.	556	445	
		5,854,386	Dec. 29, 1998	Shen et al.	528	403	
		5,856,369	Jan. 5, 1999	Jorgenson et al.	521	112	
		5,877,268	Mar. 2, 1999	Jorgenson et al.	528	15	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO

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